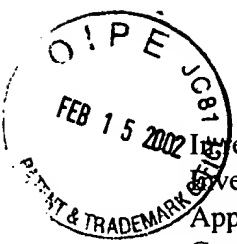


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6-25-2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Inventor: Jonathan T. Foote  
Appl. No.: 09/989,638  
Confirm. No.: 1144  
Filed: November 20, 2001  
Title: METHOD AND SYSTEM FOR COMPENSATING FOR  
PARALLAX IN MULTIPLE CAMERA SYSTEMS

PATENT APPLICATION

Art Unit: 2612  
Examiner: Unknown

Customer No. 23910

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8**

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on February 8, 2002.

Harry T. Harris, Reg. No. 44,745  
Signature Date: February 8, 2002

(Attorney Signature)

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**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56**

Commissioner for Patents  
Washington, DC 20231

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

***Enclosed with this statement are the following:***

- ☒ Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- ☒ A copy of each cited document as required by 37 C.F.R. §1.98. Copies are not submitted of documents previously submitted by the applicant in a parent application from which benefit under 35 U.S.C. §120 is claimed, 37 C.F.R. §1.98(d)(1), with an information disclosure statement submitted in the parent application which complies with the Sept. 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c). If any of the cited/submitted documents is in a foreign language, a concise explanation of relevance is provided pursuant to 37 C.F.R. §1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. MPEP

§609A(3). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).

— **PTA Statement under 37 C.F.R. §1.704(d).** Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the information disclosure statement.

***This statement should be considered because:***

✓ **37 C.F.R. §1.97(b).** This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:

- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d);  
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;  
-- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits,  
-- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.

— **37 C.F.R. §1.97(c).** Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:

- (1) It is being filed before the mailing date of a FINAL office action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.

-- AND (check at least one of the following) --

- (1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e).  
-- OR --  
— (2) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

— **37 C.F.R. §1.97(d).** Although it may not qualify under subsection (b) or (c), this statement qualifies under 37 C.F.R. §1.97, subsection (d) because:

- (1) It is being filed on or before payment of the issue fee;  
-- AND --
- (2) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e);  
-- AND --
- (3) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

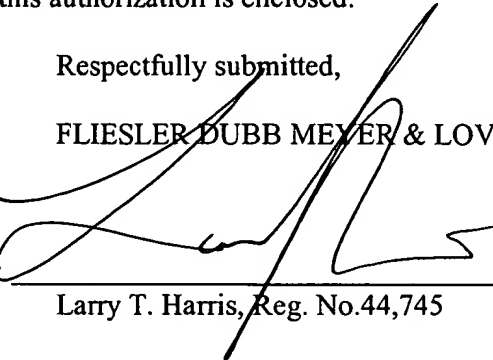
✓ **Fee Authorization.** The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

FLIESLER DUBB MEYER & LOVEJOY LLP

Date: 02/08/02

By

  
Larry T. Harris, Reg. No. 44,745

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Form PTO-1449  
(Substitute)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEAttorney Docket Number  
FXPL-1032US0Serial/Patent Number  
09/989,638INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant/Patent Owner  
Fuji Xerox Co., Ltd.Filing/Issue Date  
November 20, 2001Group Art Unit  
2612

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Technology Center 2600

Filing Date

Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
	1	4,393,394	July 12, 1983	McCoy, Reginald F.H.	358	22	August 17, 1981
	2	4,395,093	July 26, 1983	Rosendahl, Gottfried R.	350	441	May 21, 1981
	3	4,484,801	November 27, 1984	Cox, Arthur	350	441	September 20, 1982
	4	4,558,462	December 10, 1985	Horiba, Isao	382	42	August 31, 1983
	5	4,583,117	April 15, 1986	Lenny, Lipton	358	92	July 17, 1984
	6	4,707,735	November 17, 1987	Busby, Peter W.	358	108	December 10, 1985
	7	4,745,479	May 17, 1988	Waehner, Glenn C.	358	183	October 4, 1985
	8	4,772,942	September 20, 1988	Tuck, Michael J.	358	87	January 7, 1987
	9	4,819,064	April 4, 1989	Diner, Daniel B.	358	88	November 25, 1987
	10	4,862,388	August 29, 1989	Bunker, William M.	364	521	December 15, 1986
	11	4,947,260	August 7, 1990	Reed, Alastair	358	447	June 16, 1989
	12	4,974,073	November 27, 1990	Inova, Peter J.	358	87	January 14, 1988
	13	4,985,762	January 15, 1991	Smith, Graham T.	358	87	December 11, 1989
	14	5,023,720	June 11, 1991	Jardins, Philip D.	358	183	October 30, 1989
	15	5,040,055	August 13, 1991	Smith, Graham T.	358	87	October 22, 1990
	16	5,068,650	November 26, 1991	Fernandez, Antonio	340	799	June 11, 1990
	17	5,083,389	January 28, 1992	Alperin, Arthur	40	539	December 4, 1989
	18	5,115,266	May 19, 1992	Troje, Gerald J.	354	95	April 11, 1991
	19	5,130,794	July 14, 1992	Ritchey, Kurtis J.	358	87	March 29, 1990
	20	5,140,647	August 18, 1992	Ise, Hirotoshi	382	41	December 7, 1990
	21	5,142,357	August 25, 1992	Lipton, Lenny	358	88	May 9, 1991
	22	5,153,716	October 6, 1992	Smith, Graham T.	358	87	July 29, 1991

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23	5,175,616	December 29, 1992	Milgram, Paul	358	88	August 3, 1990
24	5,187,571	February 16, 1993	Braun David A.	358	85	February 1, 1991
25	5,231,673	July 27, 1993	Elenga, Cornelis W.	382	6	March 29, 1991
26	5,258,837	November 2, 1993	Gormley, Austin	358	140	October 19, 1992
27	5,291,334	March 1, 1994	Wirth, Allan	359	622	January 30, 1992
28	5,302,964	April 12, 1994	Lewins, Lloyd J.	345	7	September 25, 1992
29	5,369,450	November 29, 1994	Haseltine, Eric C.	348	745	June 1, 1993
30	5,424,773	June 13, 1995	Saito, Tsutomu	348	218	January 28, 1994
31	5,444,478	August 22, 1995	Lelong, Pierre	348	39	December 28, 1993
32	5,465,128	November 7, 1995	Wah Lo, Allen K.	354	114	December 29, 1993
33	5,465,163	November 7, 1995	Yoshihara, Kunio	358	444	March 5, 1992
34	5,469,274	November 21, 1995	Iwasaki, Keisuke	354	450	March 3, 1993
35	5,499,110	March 12, 1996	Hosogai, Takashi	354	450	February 25, 1993
36	5,502,309	March 26, 1996	Davis, John E.	250	353	September 6, 1994
37	5,508,734	April 16, 1996	Baker, Robert G.	348	36	July 27, 1994
38	5,510,830	April 23, 1996	Ohia, Masashi	348	36	February 27, 1995
39	5,539,483	July 23, 1996	Nalwa, Vishvjit S.	353	94	June 30, 1995
40	5,548,409	August 20, 1996	Ohta, Masashi	358	335	October 8, 1993
41	5,563,650	October 8, 1996	Poelstra, Theo J.	348	36	September 28, 1994
42	5,602,584	February 11, 1997	Mitsutake, Hideaki	348	47	September 27, 1995
43	5,608,543	March 4, 1997	Tamagaki, Akira	358	450	May 24, 1995
44	5,611,033	March 11, 1997	Pitteloud, Dominique	395	135	July 15, 1993
45	5,625,462	April 29, 1997	Ohta, Masashi	386	46	February 27, 1995
46	5,646,679	July 8, 1997	Yano, Kotaro	348	47	June 28, 1995
47	5,650,814	July 22, 1997	Florent, Raoul	348	39	October 19, 1994
48	5,657,073	August 12, 1997	Henley, Stuart L.	348	38	June 1, 1995

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Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
50	5,657,402	August 12, 1997	Bender, Walter R.	382	284	October 30, 1992
51	5,666,459	September 9, 1997	Masashi, Ohta	386	46	October 8, 1996
52	5,668,595	September 16, 1997	Katayama, Tatsushi	348	218	March 23, 1993
53	5,680,150	October 21, 1997	Shimizu, Yukihiko	345	115	November 23, 1994
54	5,682,198	October 28, 1997	Katayama, Tatsushi	348	47	May 13, 1996
55	5,689,611	November 18, 1997	Ohta, Masashi	386	46	January 5, 1996
56	5,691,765	November 25, 1997	Schieltz, Steve W.	348	335	July 27, 1995
57	5,699,108	December 16, 1997	Katayama, Tatsushi	348	47	March 29, 1996
58	5,703,604	December 30, 1997	McCutchen, David	345	8	May 22, 1995
59	5,721,585	February 24, 1998	Keast, Jeffrey D.	348	36	August 8, 1996
60	5,745,305	April 28, 1998	Nalwa, Vishvjit Singh	359	725	April 28, 1995
61	5,790,181	August 4, 1998	Chahl, Javaan Singh	348	36	May 1, 1996
62	5,793,527	August 11, 1998	Nalwa, Vishvjit Singh	359	403	June 30, 1995
63	5,812,704	September 22, 1998	Pearson, Eric C.	382	284	November 29, 1994
64	5,838,837	November 17, 1998	Hirosawa, Masashi	382	284	April 8, 1996
65	5,841,589	November 24, 1998	Davis, John E.	359	726	September 26, 1995
66	5,848,197	December 8, 1998	Ebihara, Toshiyuki	382	275	January 6, 1997
67	5,870,135	February 9, 1999	Glatt, Terry Laurence	348	39	July 15, 1997
68	5,903,303	May 11, 1999	Fukushima, Nobuo	348	47	March 12, 1997
69	5,920,376	July 6, 1999	Bruckstein, Alfred M.	352	69	August 30, 1996
70	5,920,657	July 6, 1999	Bender, Walter R.	382	284	August 8, 1997
71	5,940,641	August 17, 1999	McIntyre, Dale F.	396	332	July 10, 1997
72	5,973,726	October 26, 1999	Iijima, Katsumi	348	38	March 17, 1997
73	5,978,143	November 2, 1999	Spruck, Bernd	359	619	September 17, 1998
74	5,982,452	November 9, 1999	Gregson, Peter H.	348	584	March 24, 1998
74	5,982,941	November 9, 1999	Loveridge, C. Jennifer	382	260	February 7, 1997

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Sheet 4 of 6

U.S. PATENTS Technology Center 2600						
Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
75	5,982,951	November 9, 1999	Katayama, Tatsushi	382	284	May 23, 1997
76	5,987,164	November 16, 1999	Szeliski, Richard	382	154	August 1, 1997
77	5,990,934	November 23, 1999	Nalwa, Vishvjit Singh	348	36	April 28, 1995
78	5,990,941	November 23, 1999	Jackson, Laban Phelps	348	207	August 18, 1995
79	6,002,430	December 14, 1999	McCall, Danny A.	348	207	May 27, 1997
80	6,005,987	December 21, 1999	Nakamura, Mitsuaki	382	294	October 16, 1997
81	6,009,190	December 28, 1999	Szeliski, Richard	382	154	August 1, 1997
82	6,011,558	January 4, 2000	Hsieh, Chun-Wei	345	435	September 23, 1997
83	6,028,719	February 22, 2000	Beckstead, Jeffrey A.	359	725	October 2, 1998
84	6,040,852	March 21, 2000	Stuettler, Herbert M.	348	43	June 26, 1996
85	6,043,837	March 28, 2000	Driscoll, Jr. Edward	348	36	May 8, 1997
86	6,044,181	March 28, 2000	Szeliski, Richard	382	284	August 1, 1997
87	6,064,760	May 16, 2000	Brown, Roger	382	154	March 1, 1999
88	6,097,430	August 1, 2000	Komiya, Yasuhiro	348	218	October 10, 1995
89	6,097,854	August 1, 2000	Szeliski, Richard	382	284	August 1, 1997
90	6,111,702	August 29, 2000	Nalwa, Vishvjit Singh	359	725	October 7, 1997
91	6,115,176	September 5, 2000	Nalwa, Vishvjit Singh	359	403	November 30, 1995
92	6,118,474	September 12, 2000	Nayar, Shree K.	348	36	December 5, 1997
93	6,128,143	October 3, 2000	Nalwa, Vishvjit Singh	359	725	August 28, 1998
94	6,128,416	October 3, 2000	Oura, Koutatsu	382	284	February 7, 1997
95	6,141,145	October 31, 2000	Nalwa, Vishvjit Singh	359	403	August 28, 1998
96	6,144,501	November 7, 2000	Nalwa, Vishvjit Singh	359	725	August 28, 1998
97	6,148,118	November 14, 2000	Murakami, Hiroshi	382	284	July 3, 1996
98	6,175,454	January 16, 2001	Hoogland, Jan	359	725	January 13, 1999
99	6,195,204	February 27, 2001	Nalwa, Vishvjit Singh	359	403	August 28, 1998
100	6,211,911	April 3, 2001	Komiya, Yasuhiro	348	218	May 17, 1999

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Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
102	6,215,914	April 10, 2001	Nakamura, Yasuhisa	382	284	June 24, 1998
103	6,219,090	April 17, 2001	Nalwa, Vishvjit Singh	348	36	November 1, 1999
104	6,285,365	September 4, 2001	Nalwa, Vishvjit Singh	345	348	August 28, 1998

U.S. PATENT PUBLICATIONS			
Examiner Initial	Patent Application Publication Number	Publication Date	Applicant

PENDING U.S. PATENT APPLICATIONS				
Examiner Initial	Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes   No

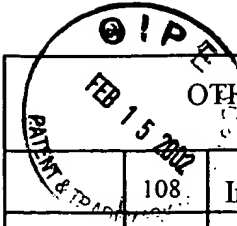
FOREIGN PATENT DOCUMENTS							
Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Translation Yes   No	

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)	
105	Omnidirectional Vision., <a href="http://www.cis.upenn.edu/~kostas/omni.html">http://www.cis.upenn.edu/~kostas/omni.html</a> , Printed October 2, 2001*
106	FullView:Technology, <a href="http://www.fullview.com/technology_main.html">http://www.fullview.com/technology_main.html</a> , Printed October 2, 2001*
107	Immersive Media, <a href="http://www.immersivemedia.com/products_dodeca1000.html">http://www.immersivemedia.com/products_dodeca1000.html</a> , Printed October 2, 2001*



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OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

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108	Immersive Media, <a href="http://www.immersivemedia.com/producing/">http://www.immersivemedia.com/producing/</a> , Printed October 2, 2001*
109	Immersive Media, <a href="http://www.immersivemedia.com/products.html">http://www.immersivemedia.com/products.html</a> , Printed October 2, 2001*
110	Immersive Media, <a href="http://www.immersivemedia.com/menu.html">http://www.immersivemedia.com/menu.html</a> , Printed October 2, 2001*
111	Internet Pictures Corporation, <a href="http://www.ipix.com/">http://www.ipix.com/</a> , Printed October 2, 2001*
112	Internet Pictures Corporation, <a href="http://www.ipix.com/products/immersive.shtml">http://www.ipix.com/products/immersive.shtml</a> , Printed October 2, 2001*
113	Internet Pictures Corporation, <a href="http://www.ipix.com/products/immersive_stills.shtml">http://www.ipix.com/products/immersive_stills.shtml</a> , Printed October 2, 2001*
114	Internet Pictures Corporation, <a href="http://www.ipix.com/products/software/software.shtml">http://www.ipix.com/products/software/software.shtml</a> , Printed October 2, 2001*
115	Yokoya Naokazu, "Passive Range Sensing Techniques: Depth from Images," IEICE Trans. INF. & SYST., Vol.E82-D, No.3 March 1999, Pages 523-533.

Examiner

Date Considered

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*1 = Copy not submitted because it was submitted in prior application SN \_\_/\_\_, filed \_\_\_\_, 20\_\_, relied on under 35 USC §120.

\*2 = Copy not submitted because it was submitted in prior application SN \_\_/\_\_, filed \_\_\_\_, 20\_\_, relied on under 35 USC §120.

**REMARKS**

The following Remarks are supplied as part of or in supplement to this Information Disclosure Statement.

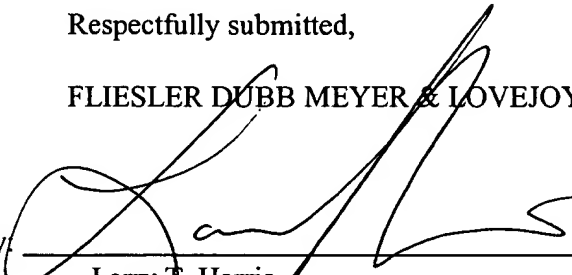
\*Items 105-114 were accessed and printed by applicant on October 2, 2001. Applicant is uncertain as to the initial publication date of items 105-114.

Respectfully submitted,

FLIESLER DUBB MEYER & LOVEJOY LLP

Date: 02/08/02

By

  
Larry T. Harris  
Reg. No. 44,745

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